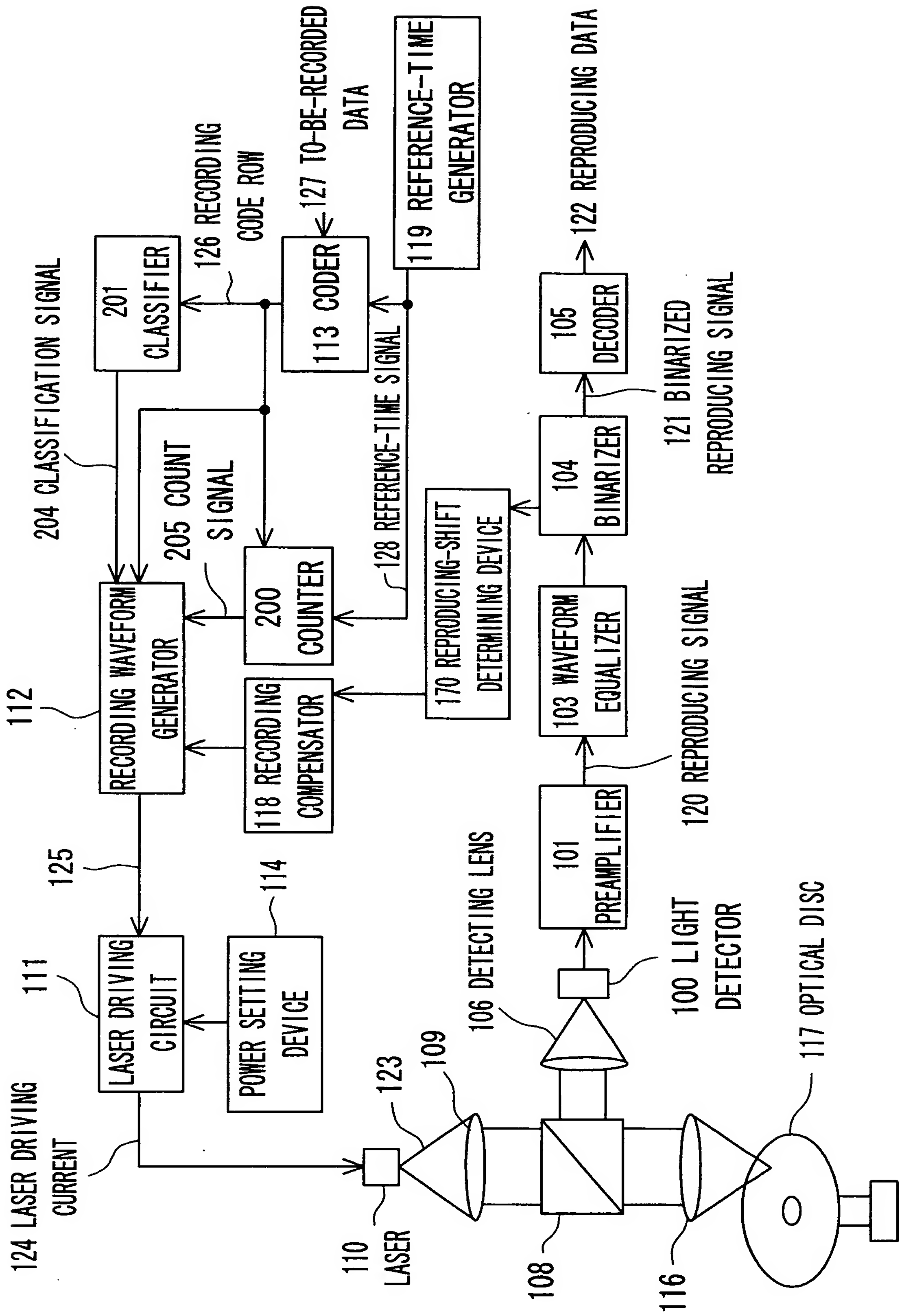
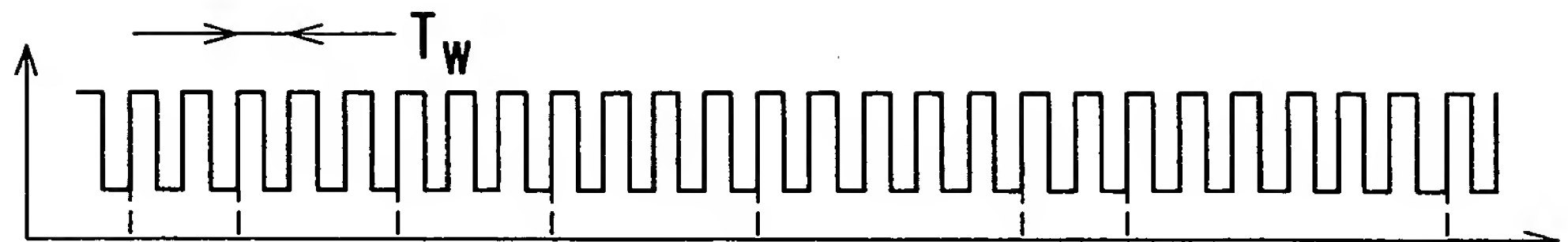


Fig. 1

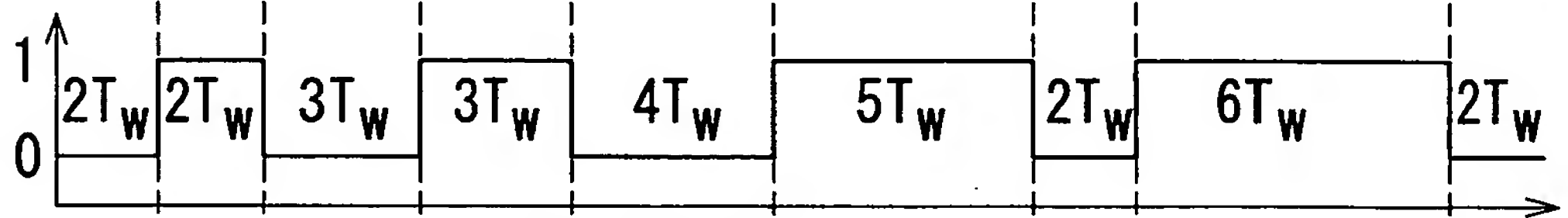


*Fig. 2A*

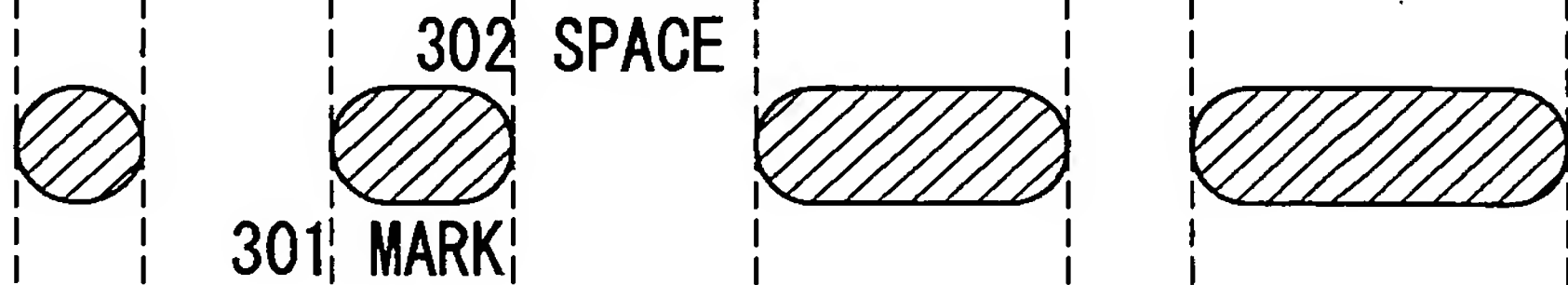
128  
REFERENCE-TIME  
SIGNAL

*Fig. 2B*

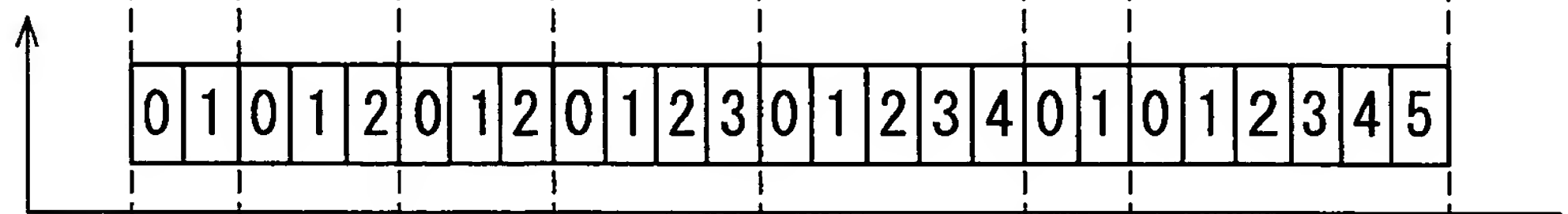
126 RECORDING  
CODE ROW

*Fig. 2C*

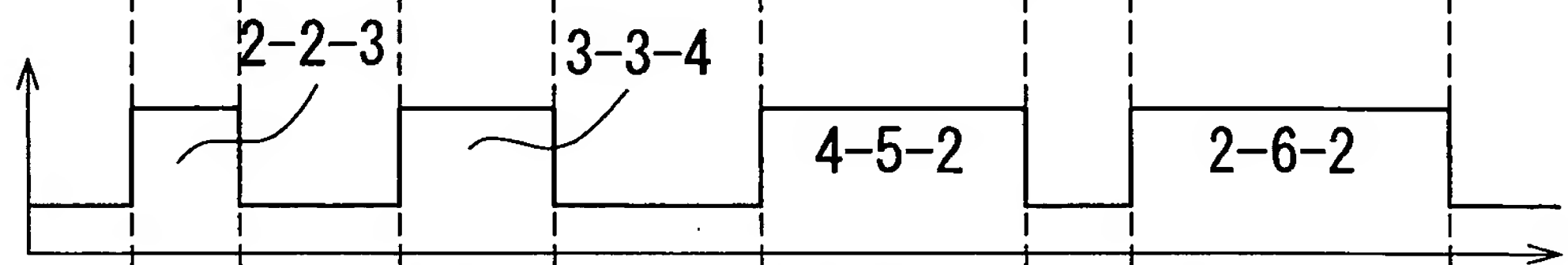
300 MARK  
ARRAY

*Fig. 2D*

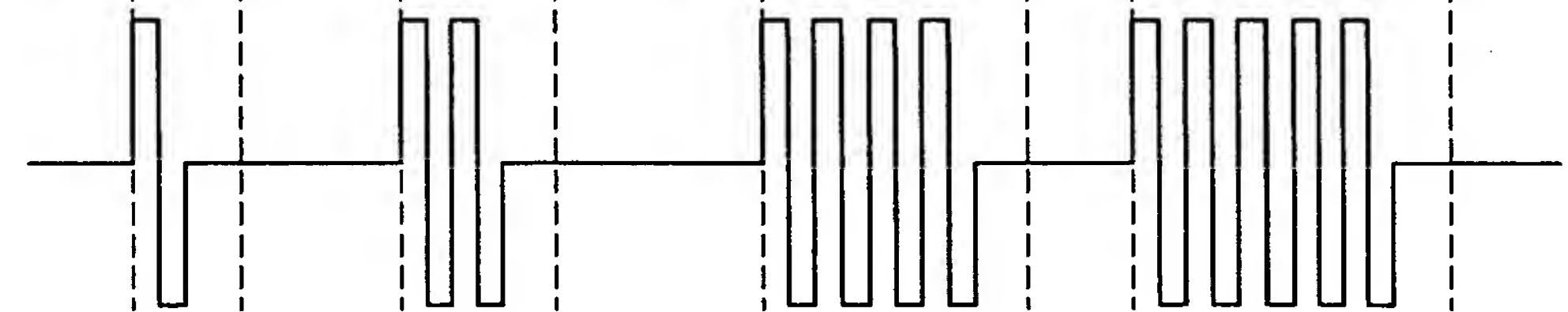
205 COUNT  
SIGNAL

*Fig. 2E*

204  
CLASSIFICATION  
SIGNAL

*Fig. 2F*

125 RECORDING  
PULSE SIGNAL



*Fig. 3A*  
128 REFERENCE-TIME  
SIGNAL

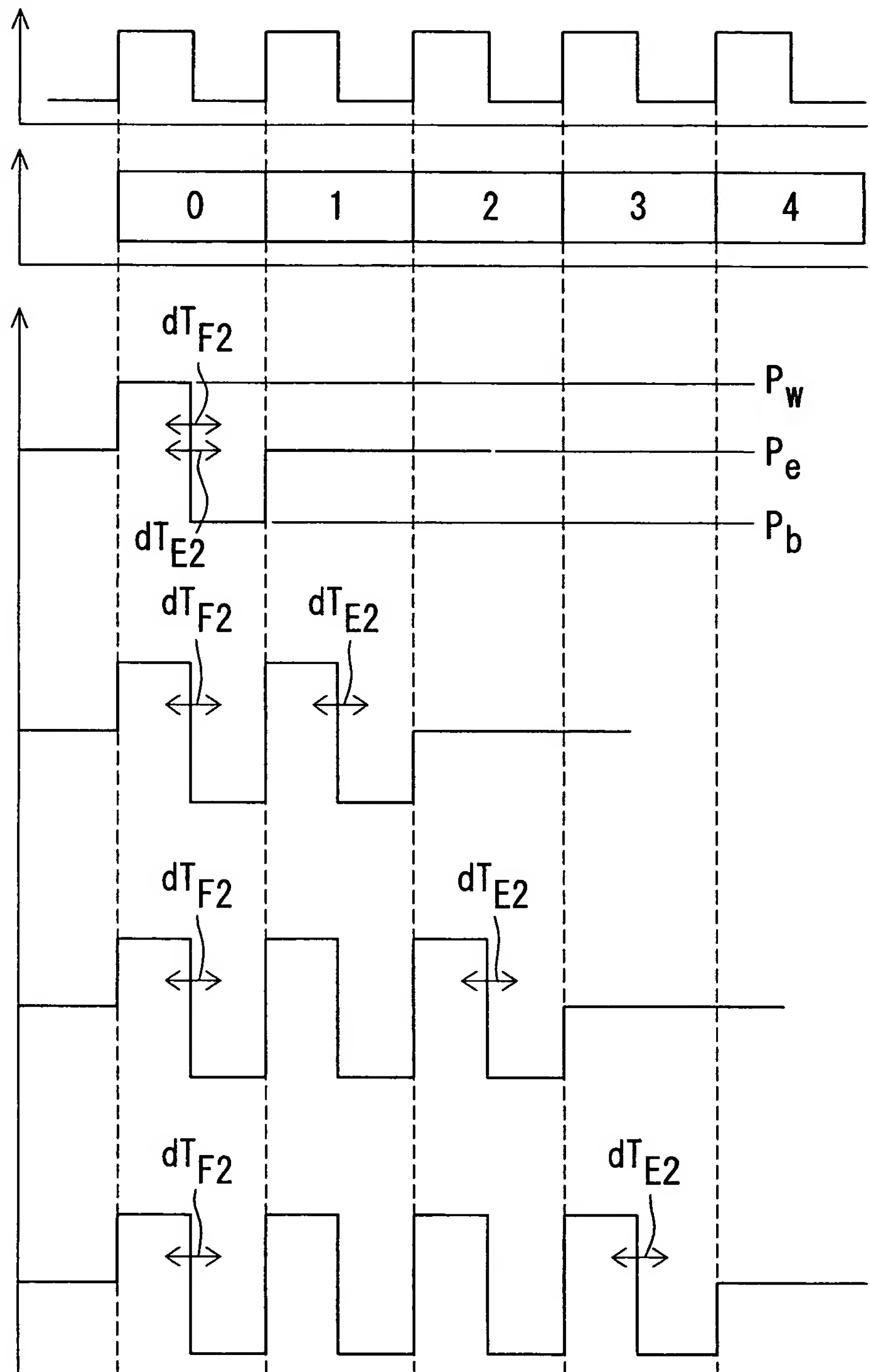
*Fig. 3B*  
205 COUNT  
SIGNAL

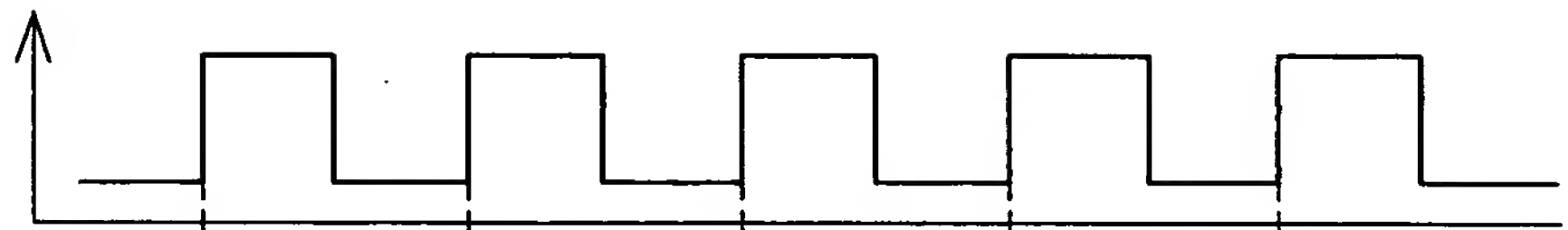
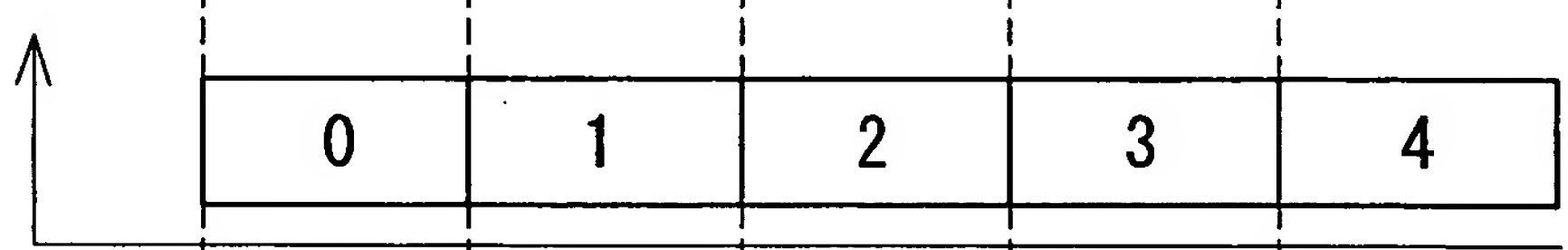
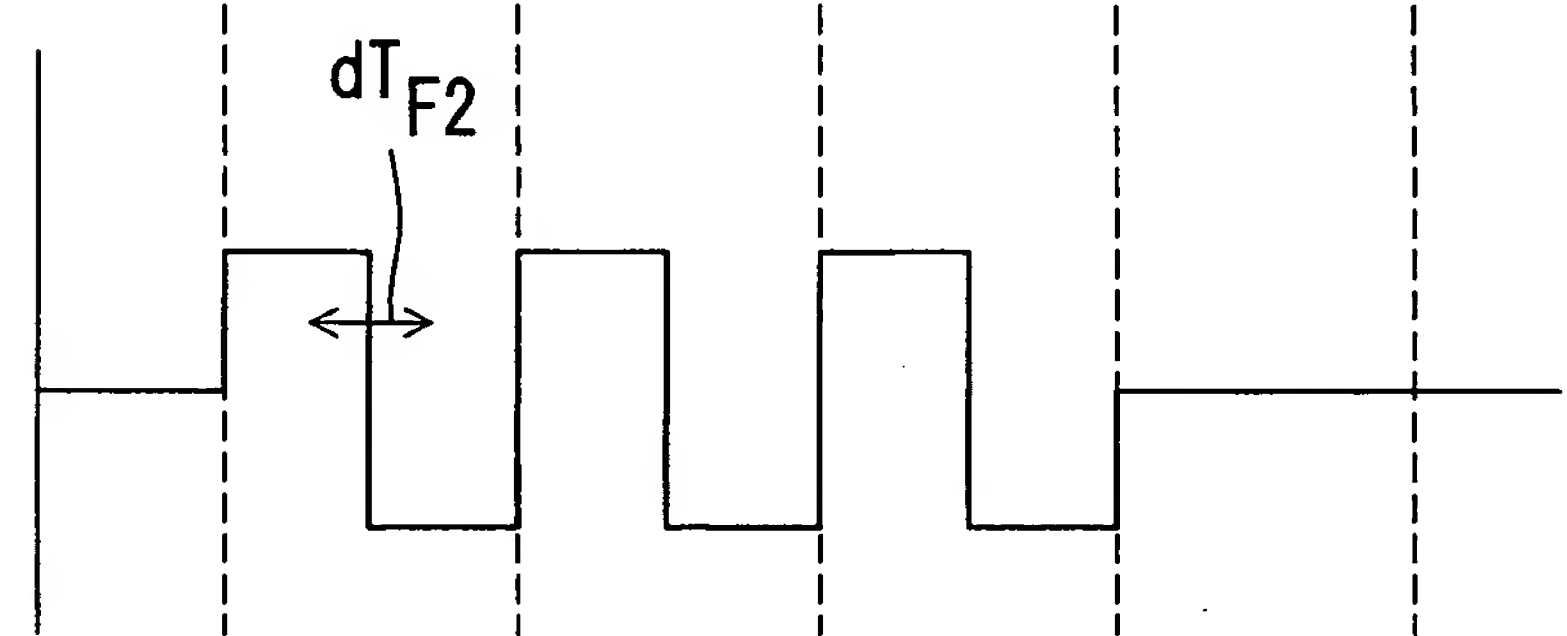
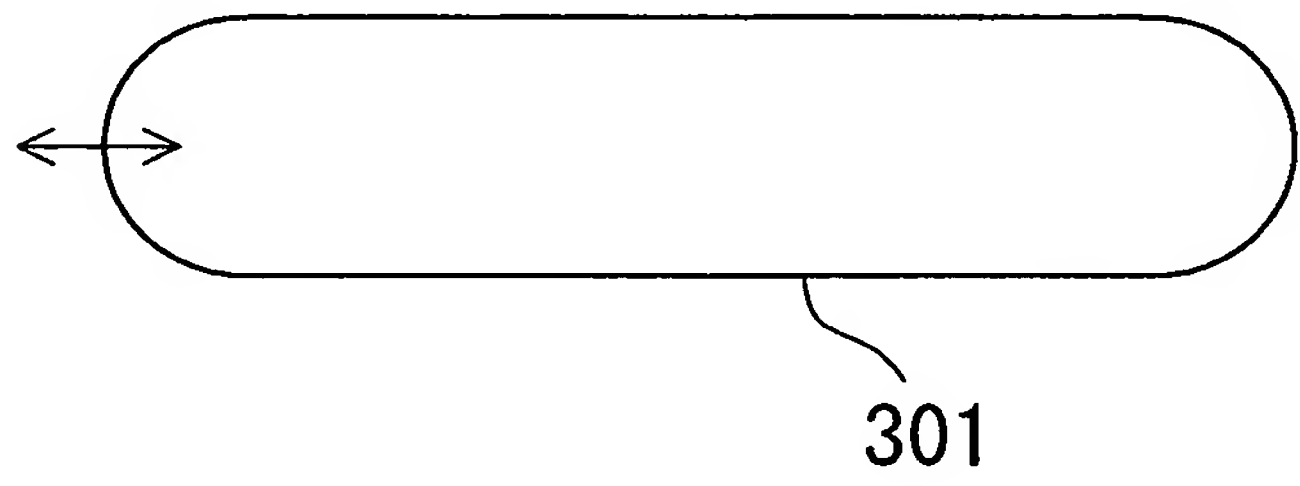
*Fig. 3C*  
 $2T_m$

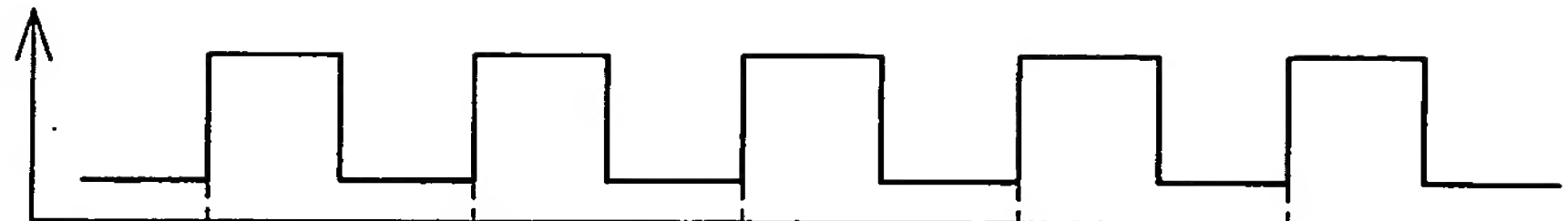
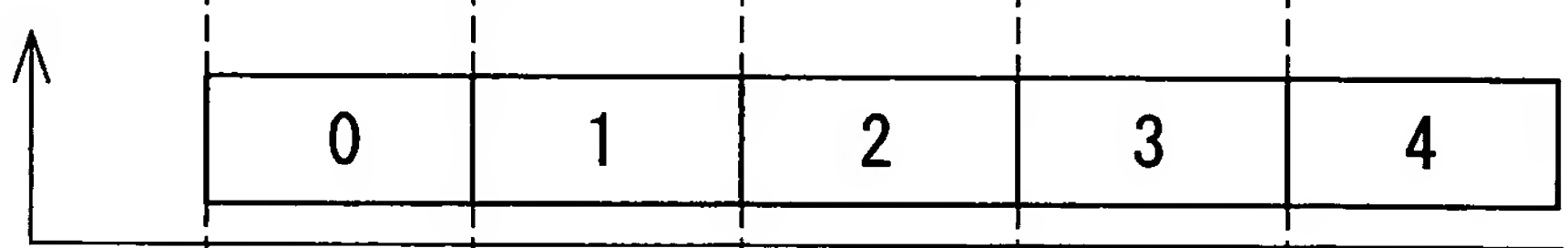
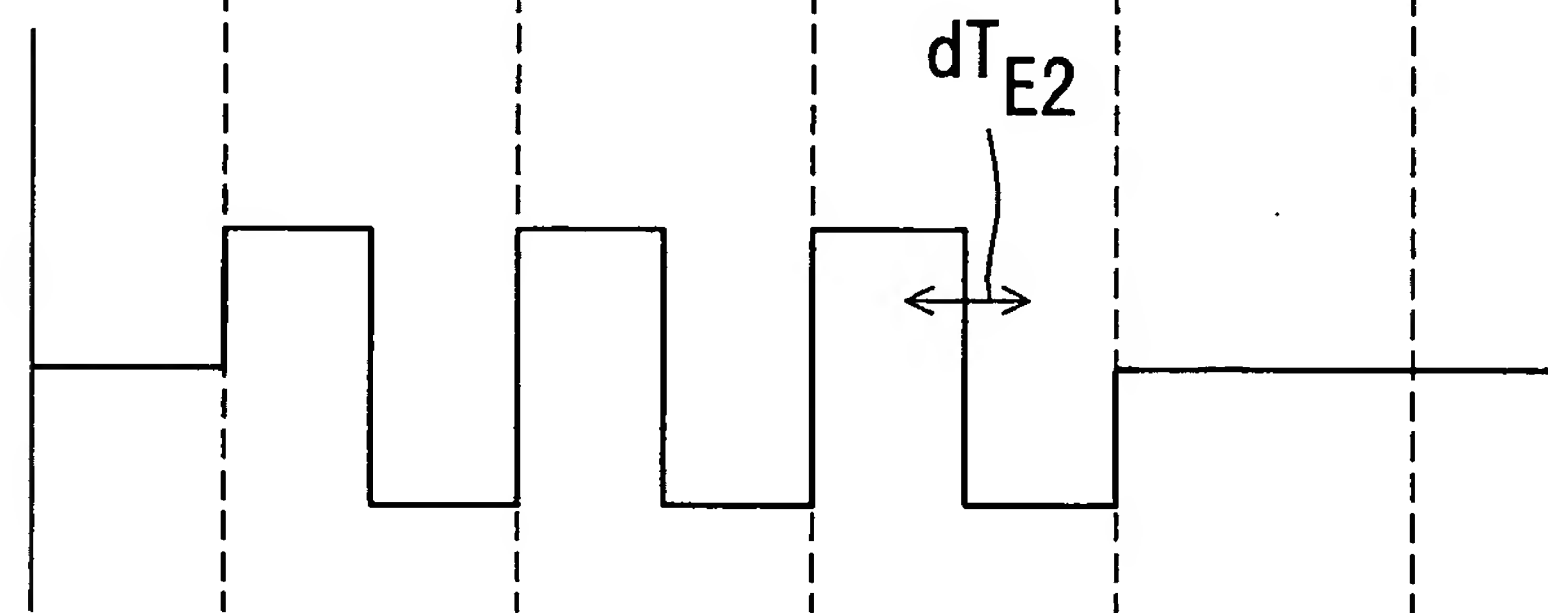
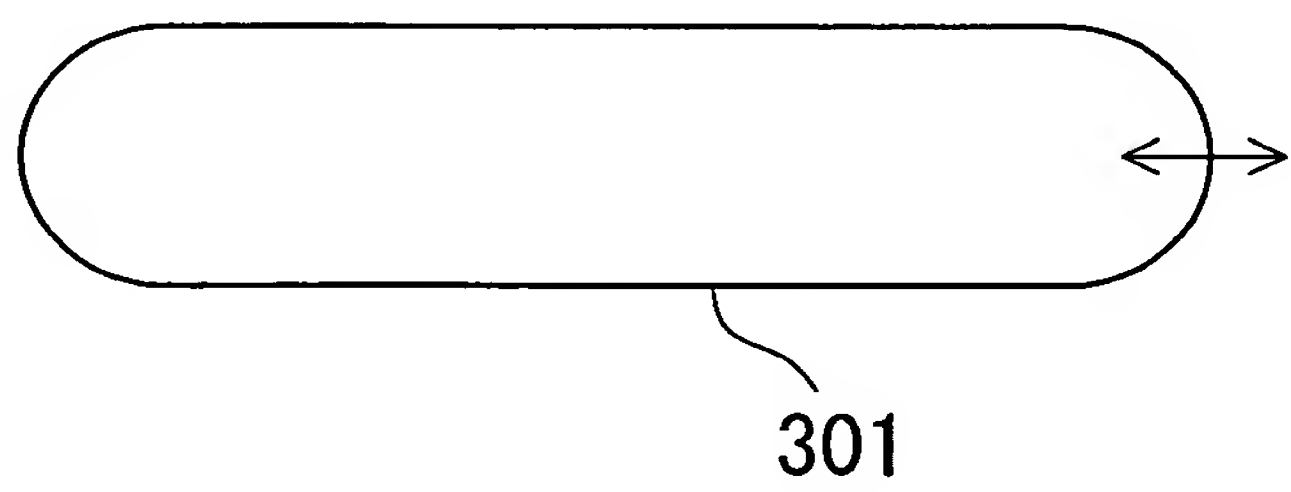
*Fig. 3D*  
 $3T_m$

*Fig. 3E*  
 $4T_m$

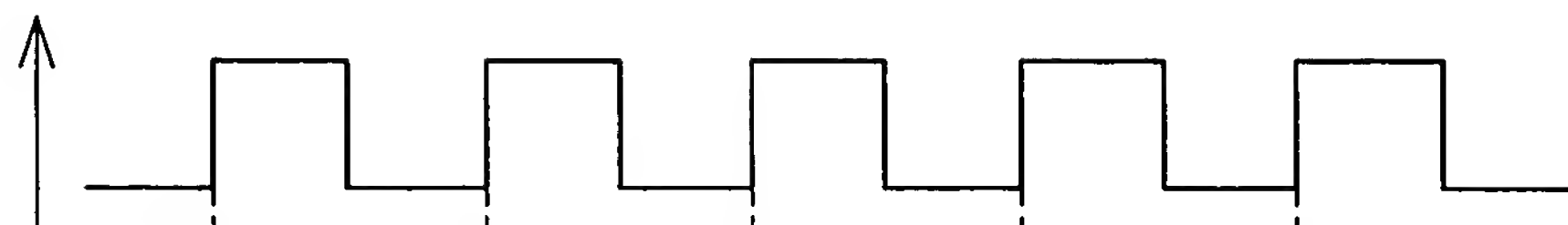
*Fig. 3F*  
 $5T_m$



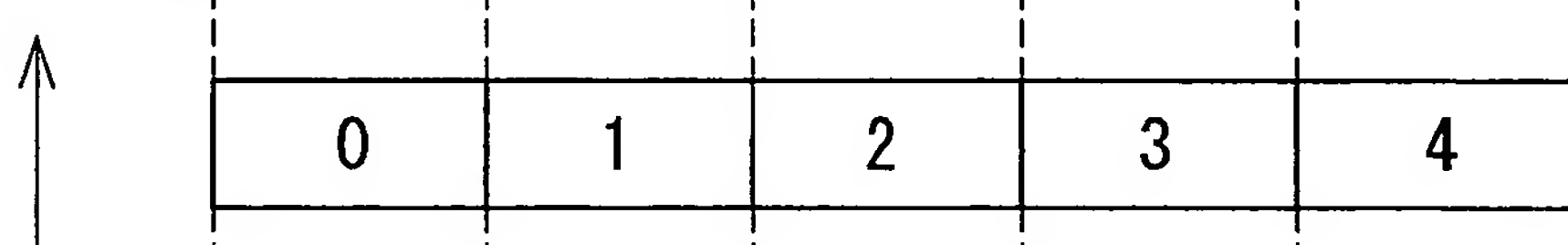
*Fig. 4A**Fig. 4B**Fig. 4C**Fig. 4D*

*Fig. 5A**Fig. 5B**Fig. 5C**Fig. 5D*

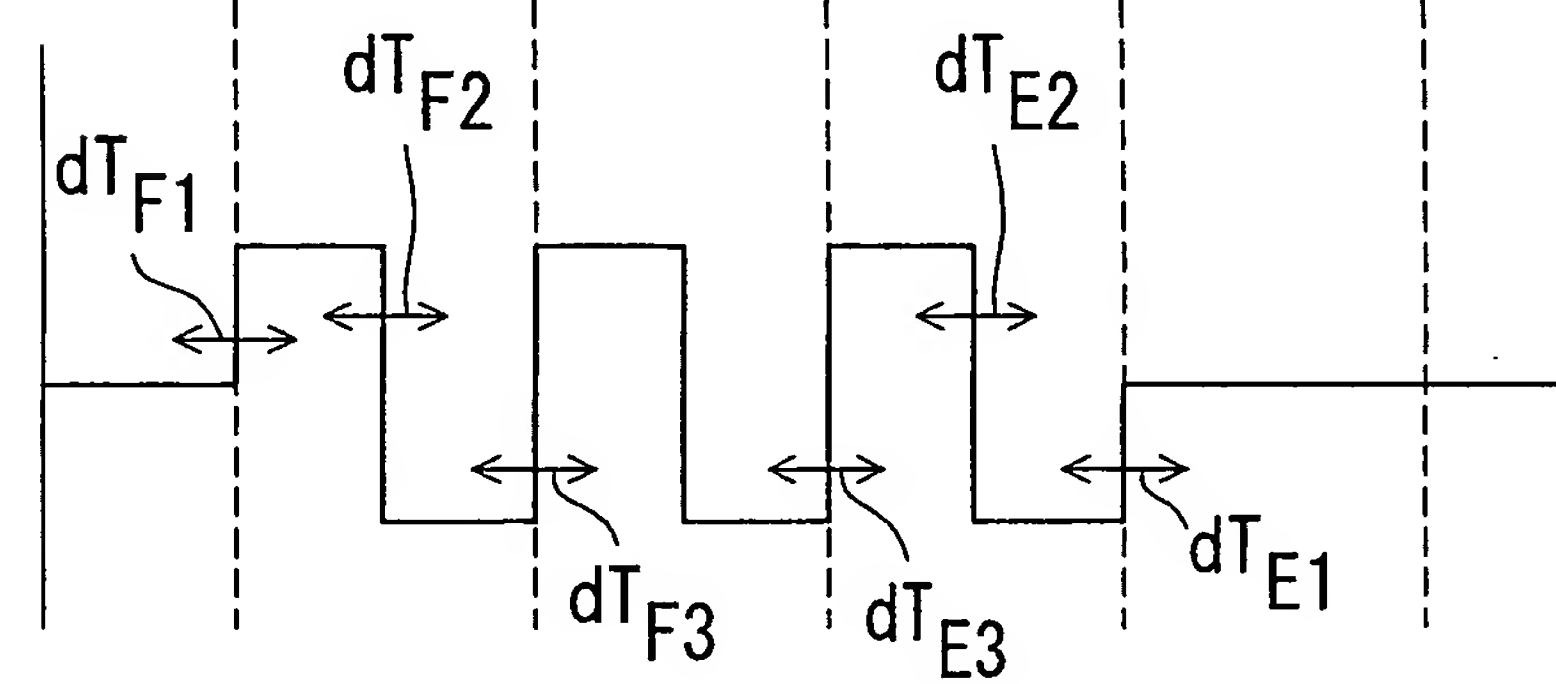
*Fig. 6A*



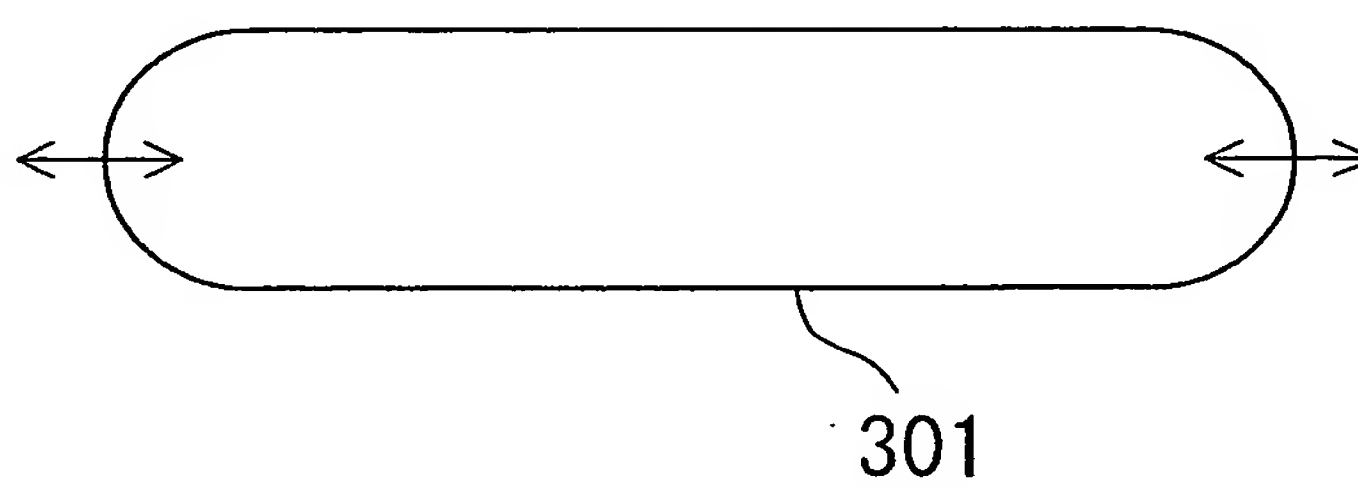
*Fig. 6B*

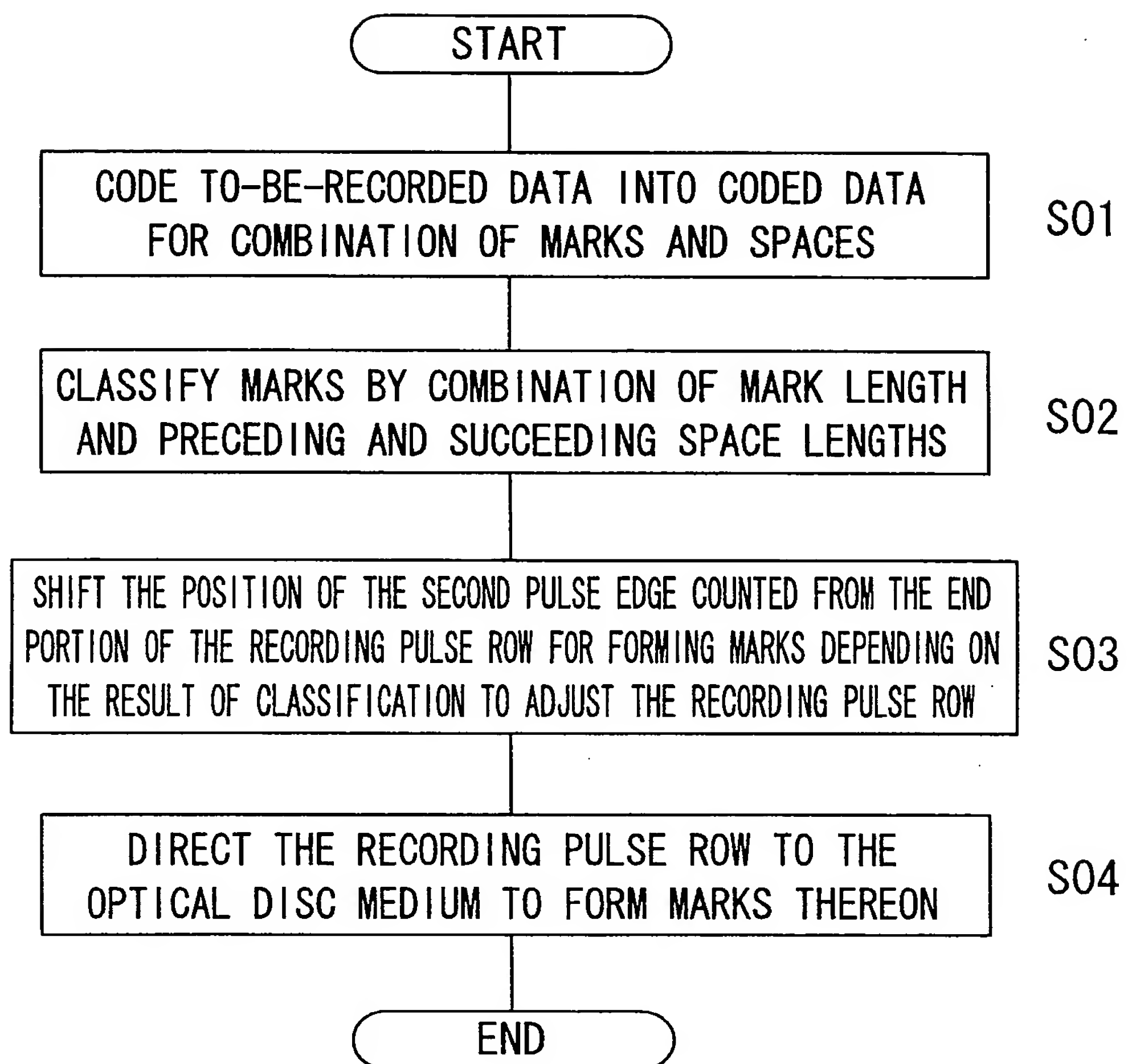


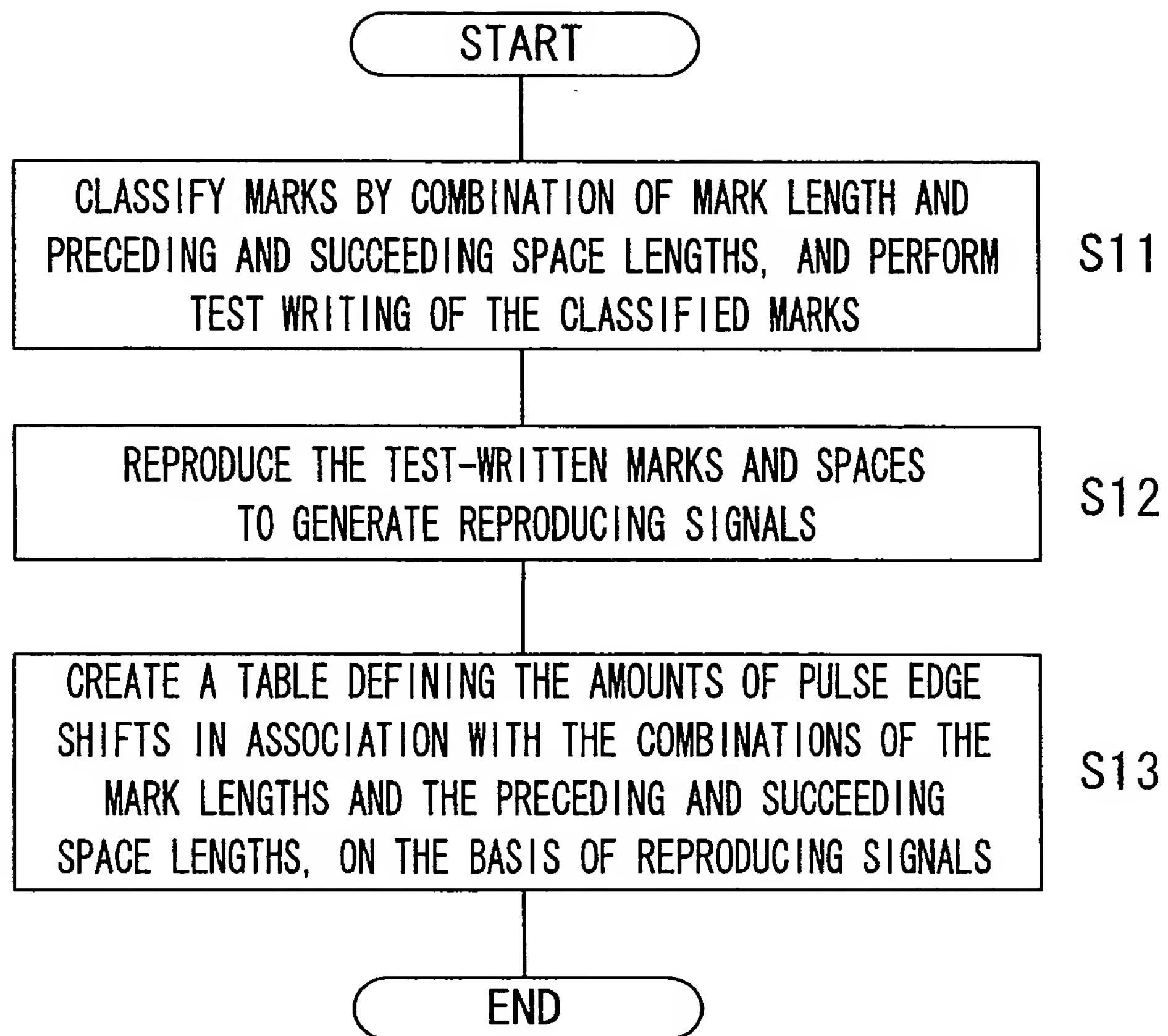
*Fig. 6C*



*Fig. 6D*



*Fig. 7*

*Fig. 8*



*Fig. 9A*  
128  
REFERENCE-TIME  
SIGNAL

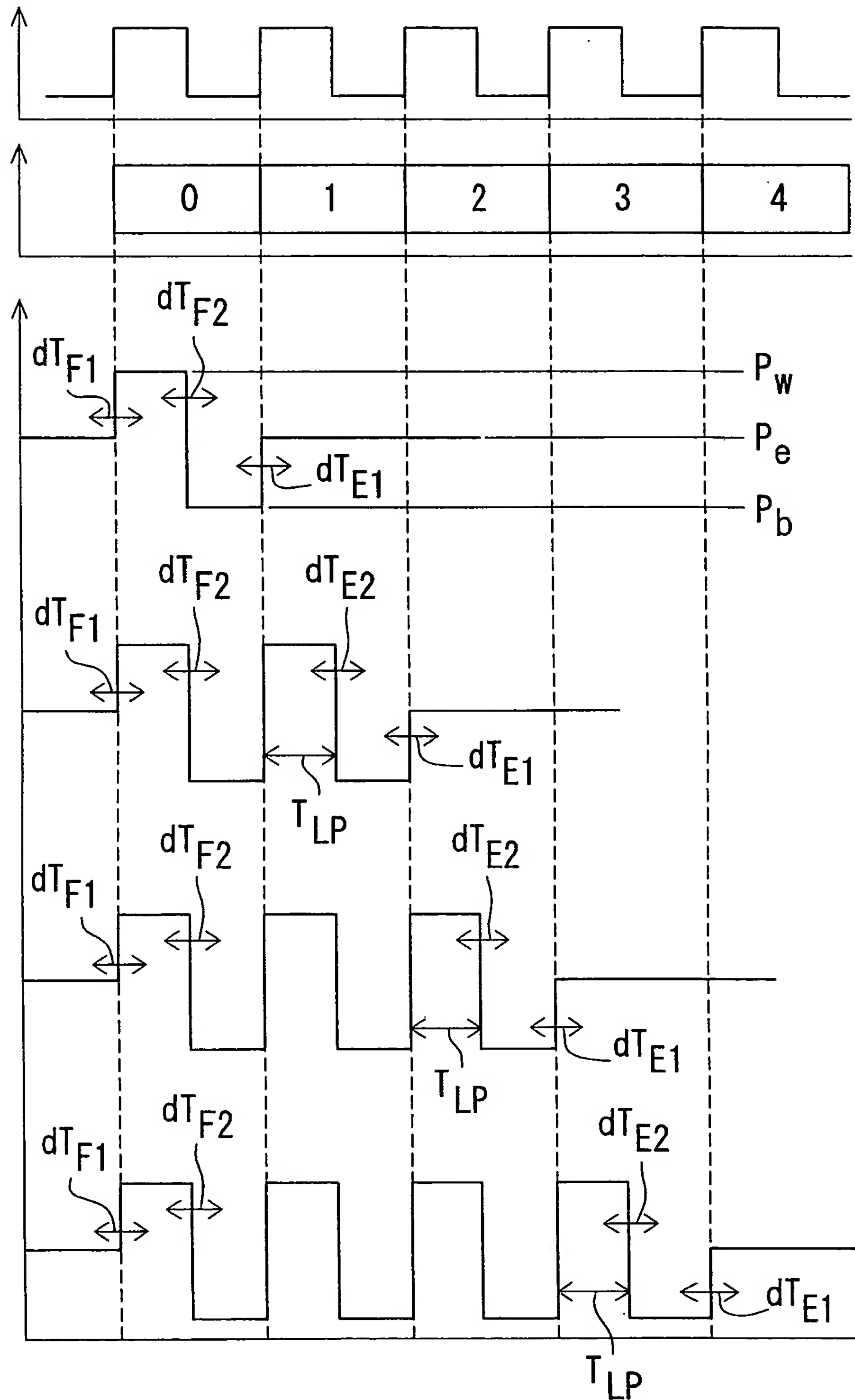
*Fig. 9B*  
205 COUNT  
SIGNAL

*Fig. 9C*  
 $2T_m$

*Fig. 9D*  
 $3T_m$

*Fig. 9E*  
 $4T_m$

*Fig. 9F*  
 $5T_m$



**Fig. 10A**  
128 REFERENCE-TIME  
SIGNAL

**Fig. 10B**  
205 COUNT  
SIGNAL

**Fig. 10C**  
900  $2T_w$

**Fig. 10D**  
901  $3T_w$

**Fig. 10E**  
902  $4T_w$

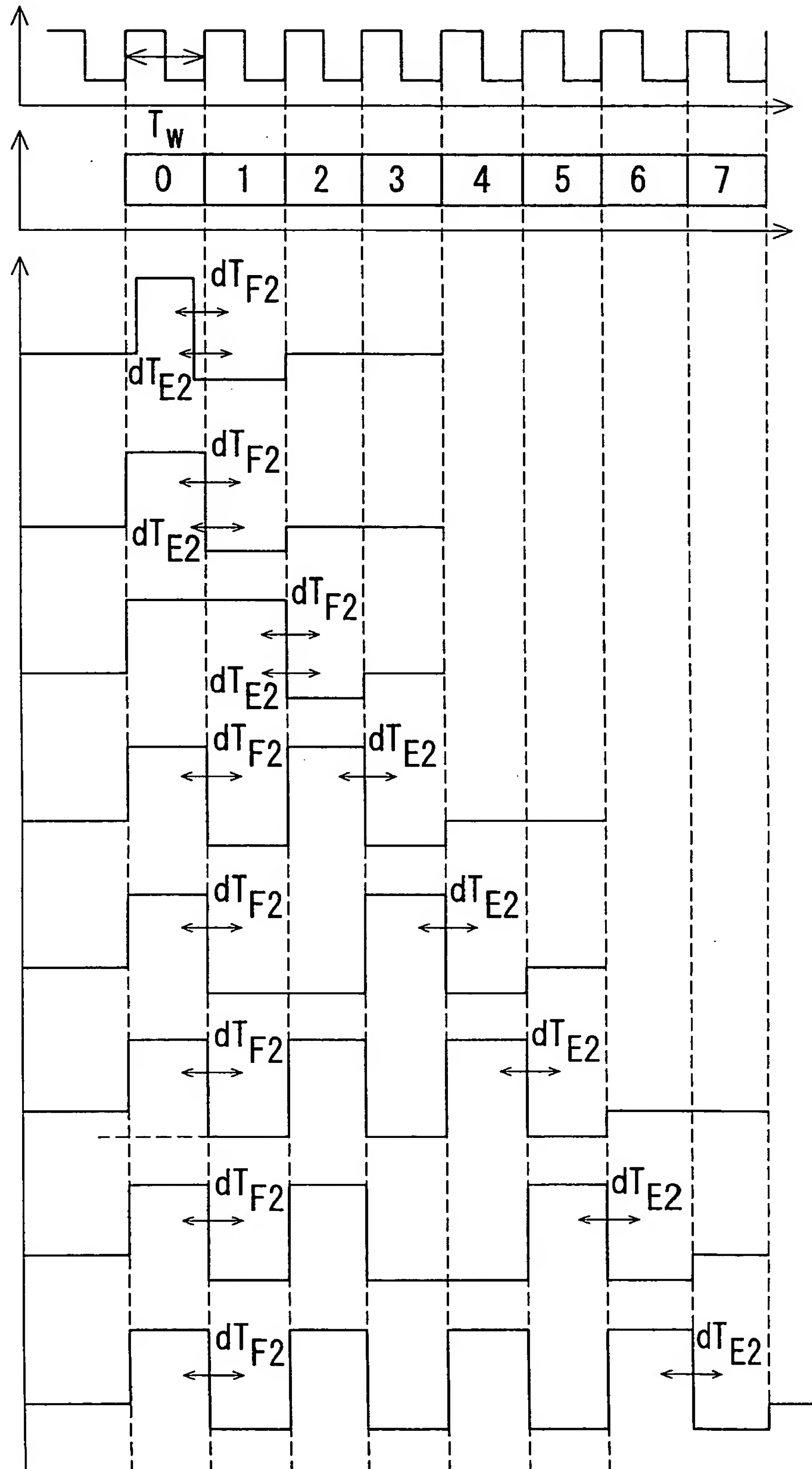
**Fig. 10F**  
903  $5T_w$

**Fig. 10G**  
904  $6T_w$

**Fig. 10H**  
905  $7T_w$

**Fig. 10I**  
906  $8T_w$

**Fig. 10J**  
907  $9T_w$



*Fig. 11A*

MARK ARRAY

*Fig. 11B*

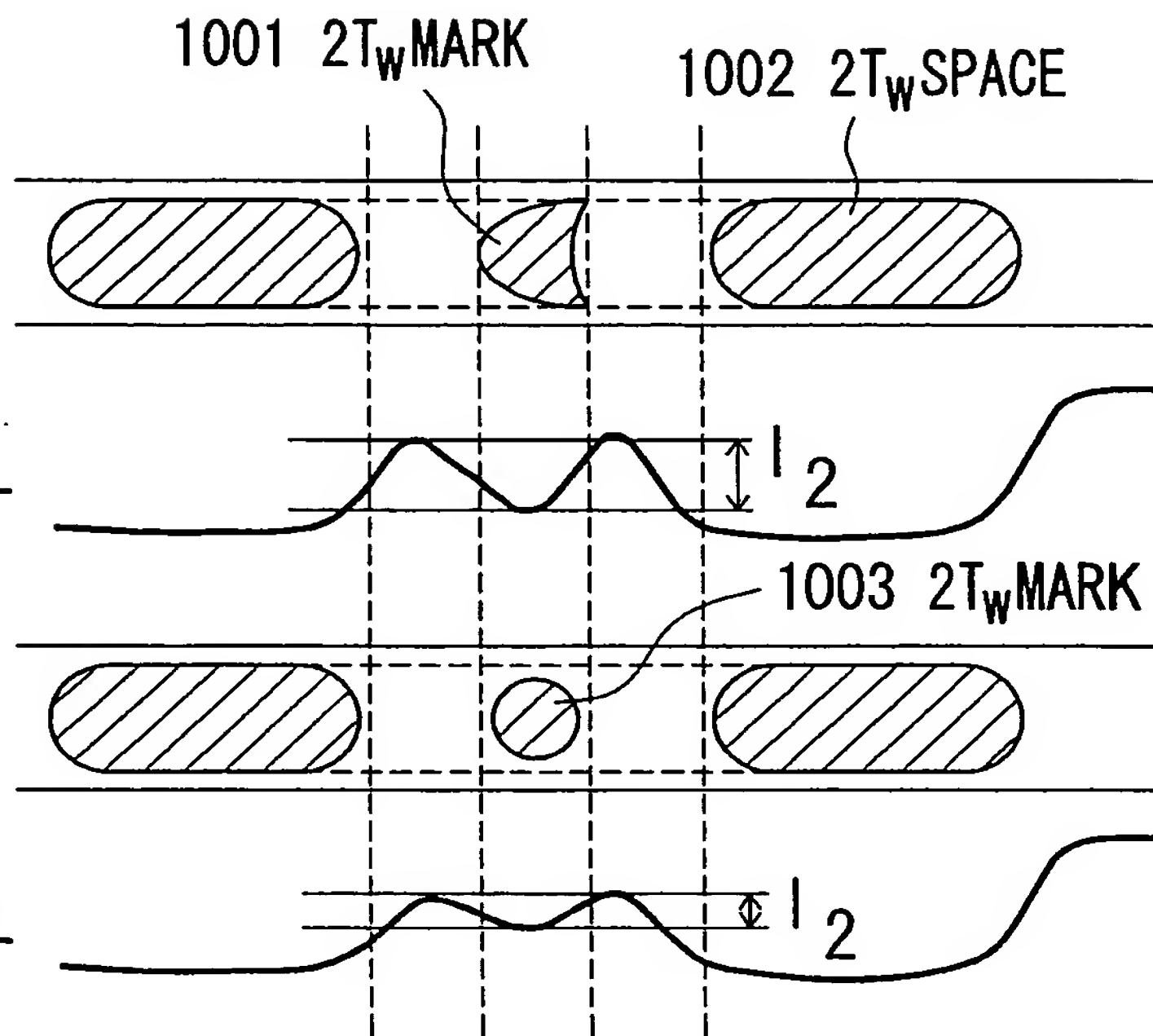
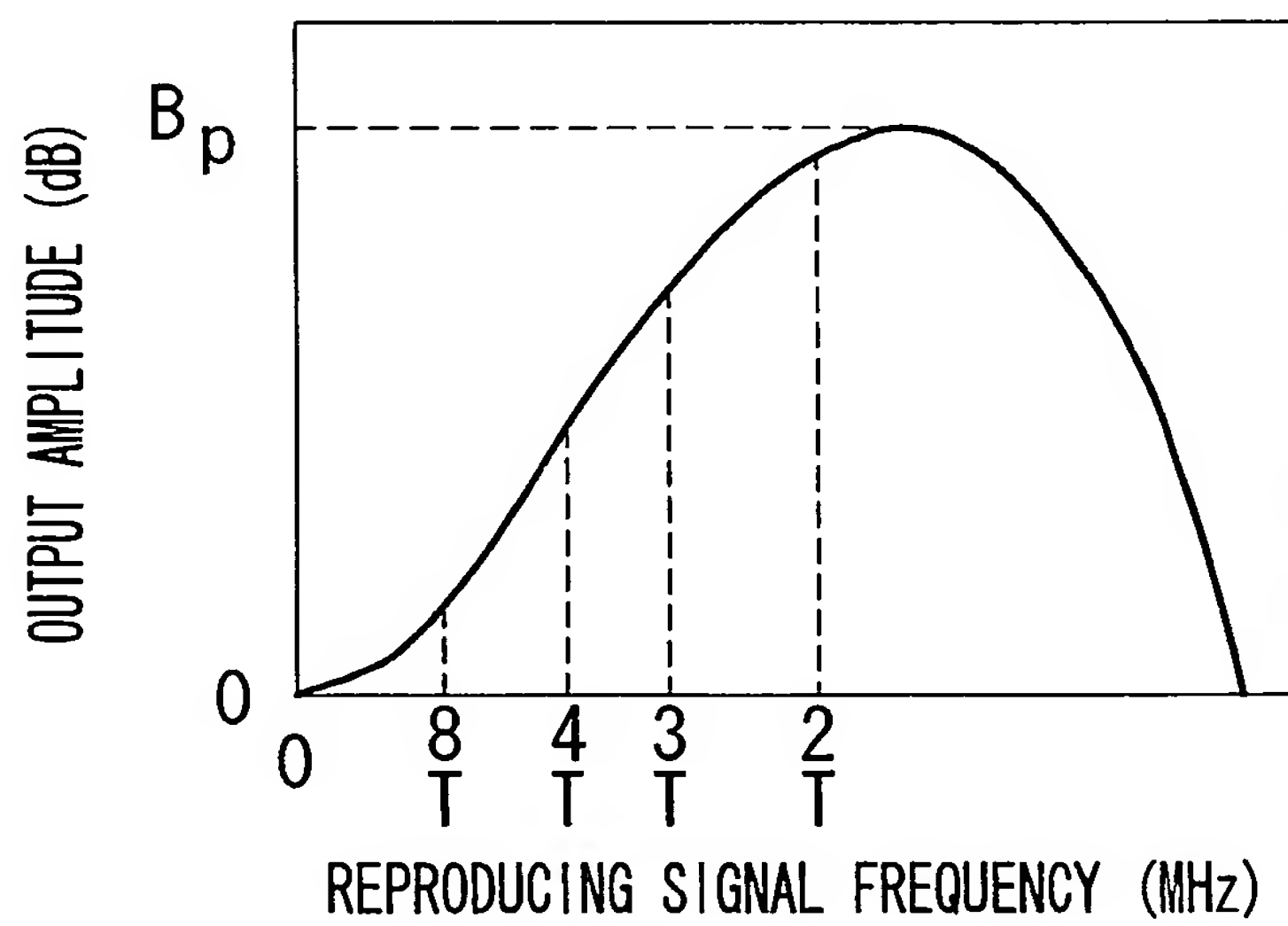
REPRODUCING SIGNAL

*Fig. 11C*

MARK ARRAY

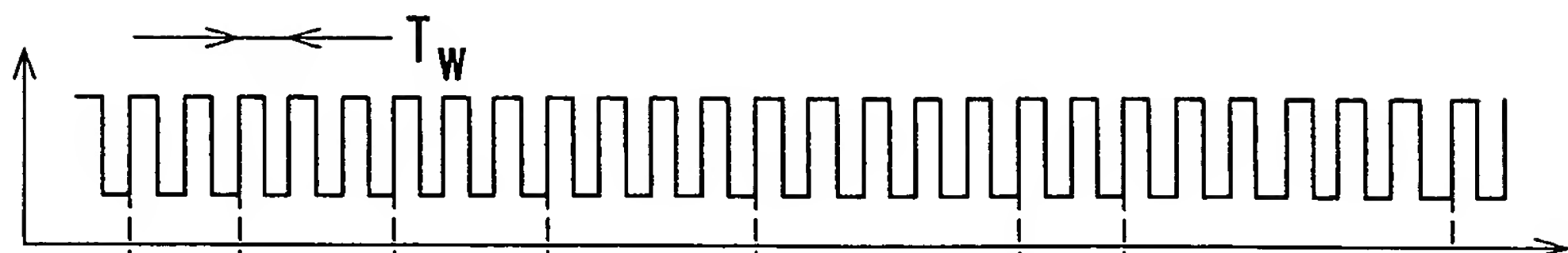
*Fig. 11D*

REPRODUCING SIGNAL

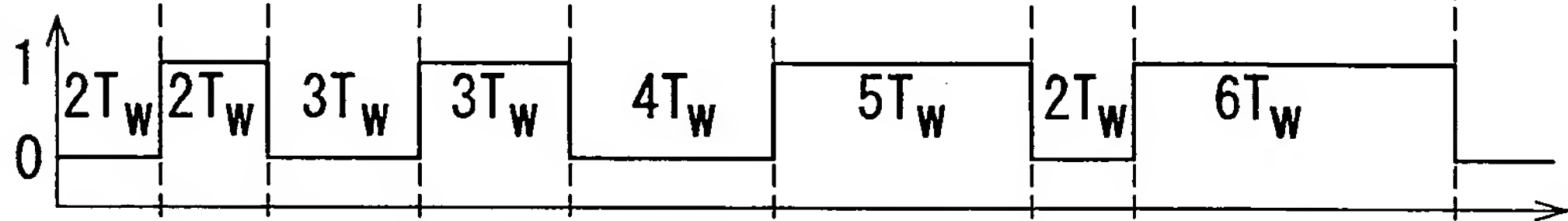
*Fig. 12*

*Fig. 13A*

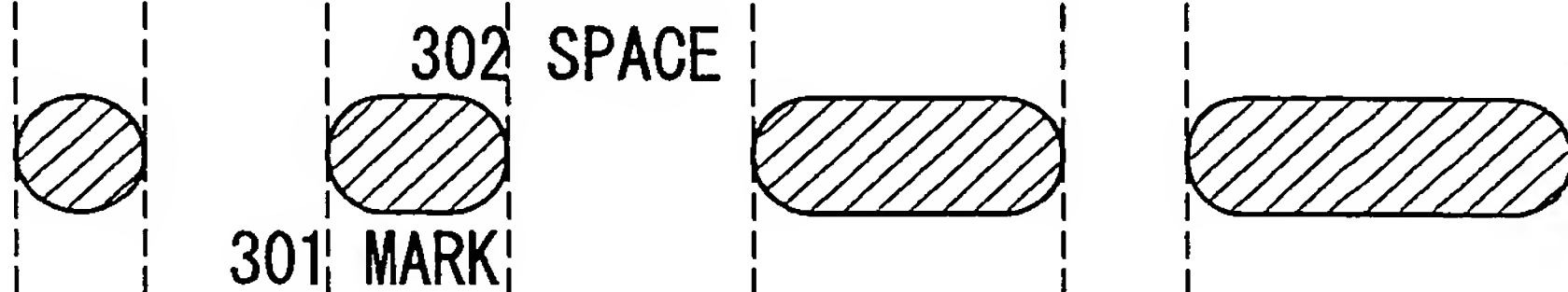
128  
REFERENCE-TIME  
SIGNAL

*Fig. 13B*

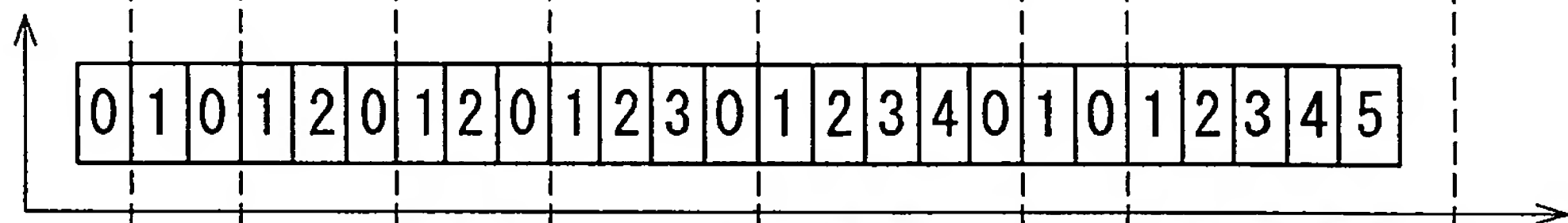
126 RECORDING  
CODE ROW

*Fig. 13C*

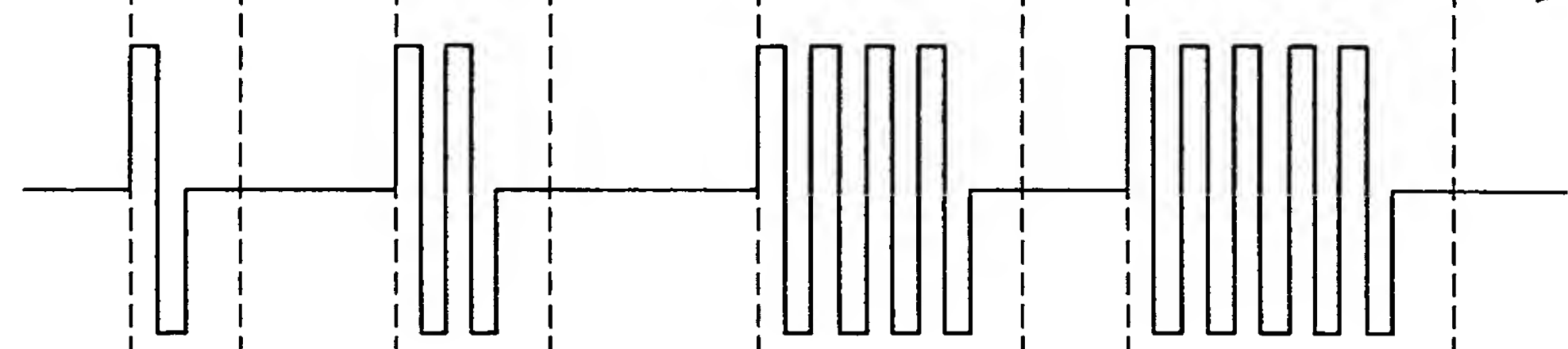
300 MARK ARRAY

*Fig. 13D*

205 COUNT  
SIGNAL

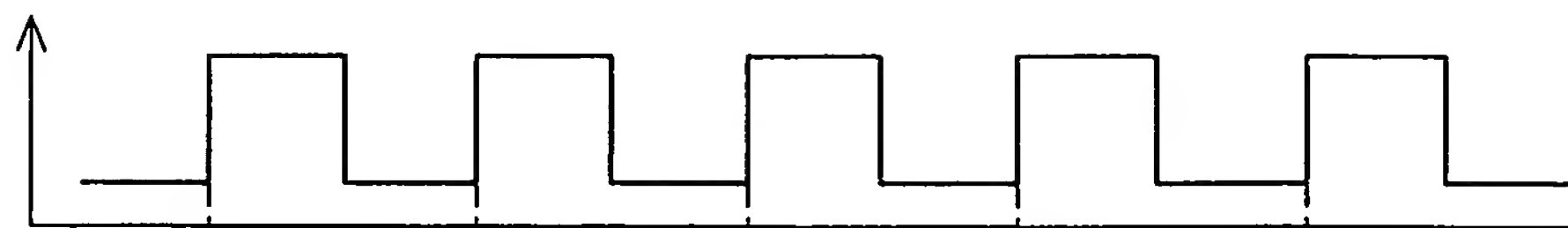
*Fig. 13F*

303 EXEMPLARY  
RECORDING  
WAVEFORMS IN A  
PRIOR-ART  
APPARATUS

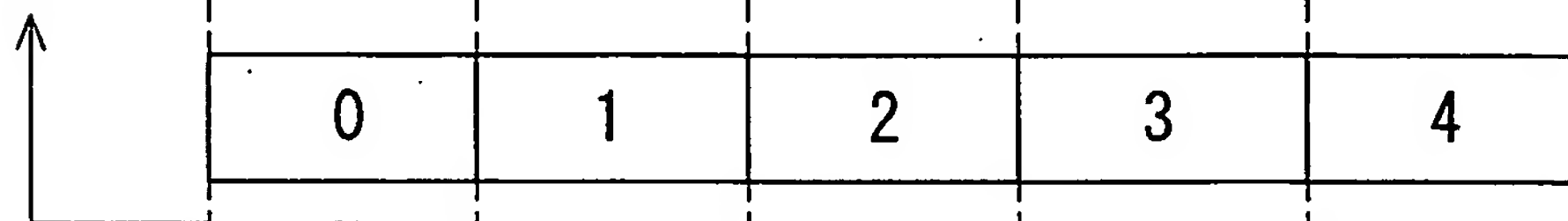


*Fig. 14A*

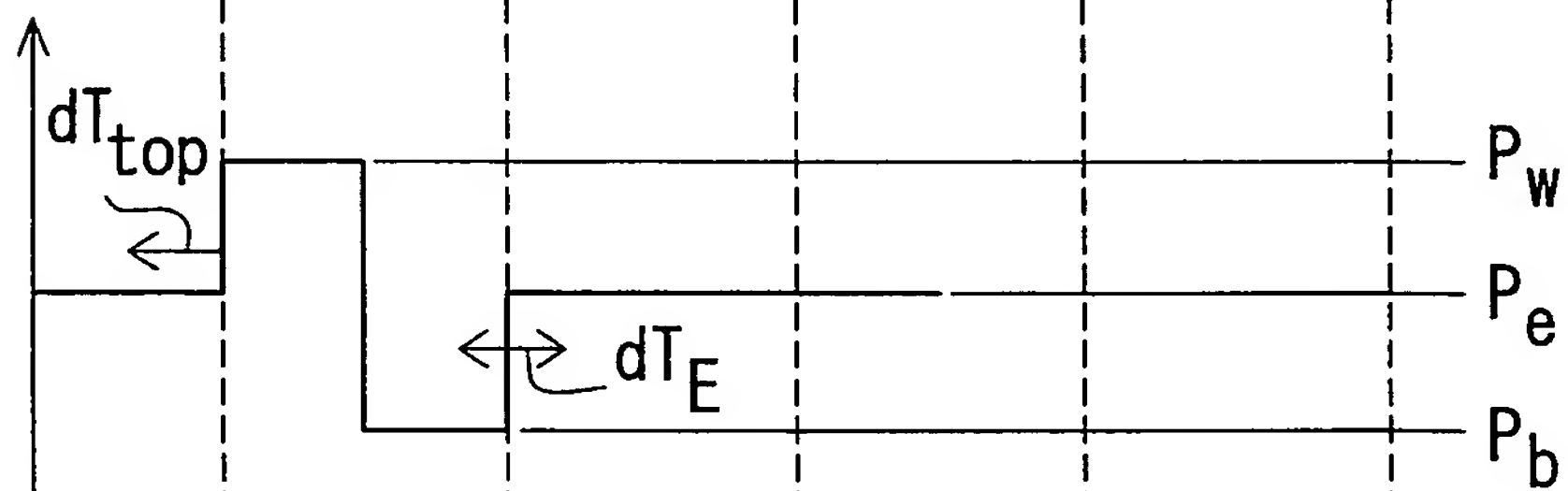
128  
REFERENCE-TIME  
SIGNAL

*Fig. 14B*

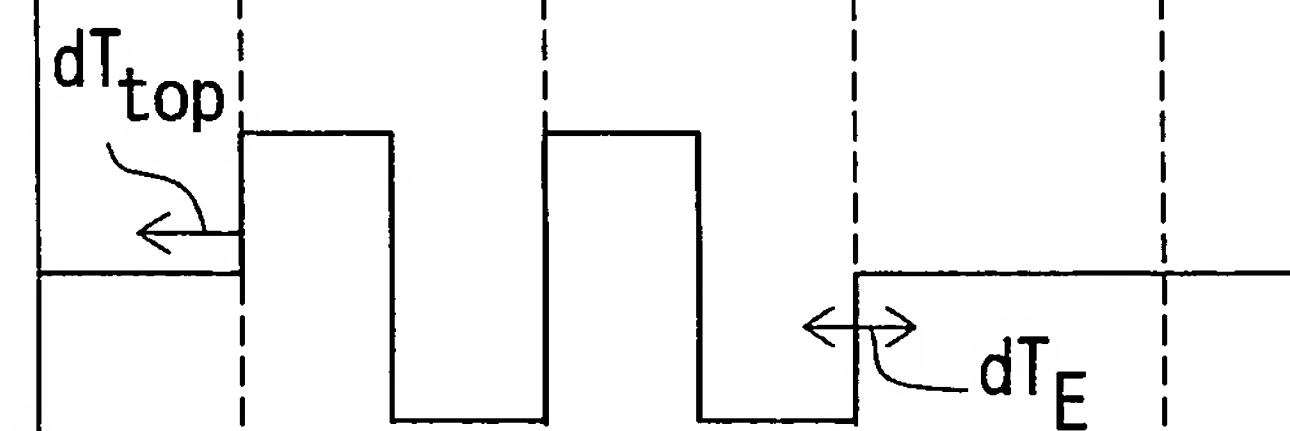
205 COUNT SIGNAL

*Fig. 14C*

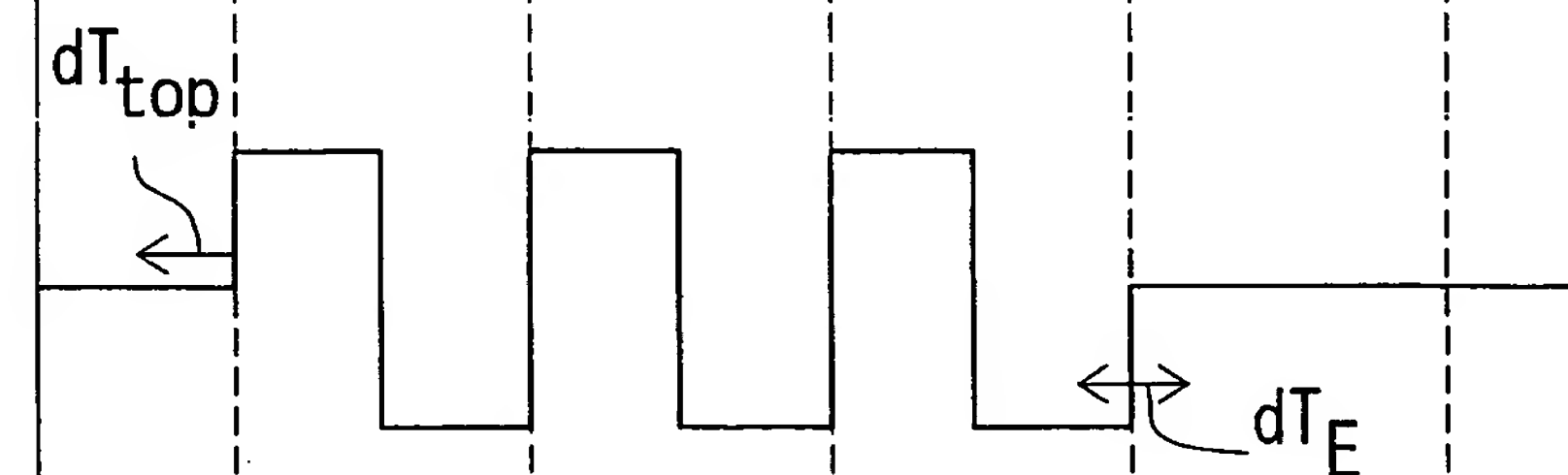
$2T_m$

*Fig. 14D*

$3T_m$

*Fig. 14E*

$4T_m$

*Fig. 14F*

$5T_m$

